

WHAT IS CLAIMED IS:

1. A gas safety valve comprising a normal pressure space into which a reference normal pressure is contained, for comparing gas pressure varied within a closed gas pipe and the reference normal pressure to sense whether the gas pressure is varied with the compared result.

2. A gas safety valve as claimed in claim 1, wherein a normal pressure to the normal pressure space flows by engaging a main gear of a primary lever opening/closing a primary ball with a sub-gear of a secondary lever opening/closing a secondary ball and operating the secondary lever with a time difference, whereby upon gas flows at an inlet, it is primarily induced to the normal pressure space.

3. A gas safety valve as claimed in claim 1, wherein a normal gas pressure is inputted to the normal pressure space in such a manner that a horizontal passage is formed on the one side wall of a ball and communicates to the normal pressure space, in the process where the ball rotates when the valve is opened/closed, and the gas is primary induced to the normal pressure space when the gas flows in such a manner that an inner diameter of a sealing at the lower portion of the ball is smaller than that at the upper portion of the ball.

4. A gas safety valve as claimed in claim 1, wherein the normal pressure space is provided with an expansion member composed of: an upper cylinder having a large top portion, a smaller bottom portion and a bulkhead formed on the intermediate portion in the interior thereof, the bulkhead having a plurality of first holes thereon; a bellows being of an elastically cylindrical shape having a closed bottom surface, closely assembled with the lower peripheral surface of the upper cylinder on the inner peripheral surface on the inlet side thereof and having a magnet holder of a substantially cylindrical shape extended from the top on the

closed bottom surface, into which a second magnet of a substantially cylindrical shape is inserted; a disk having a hole through which the magnet holder is passed on the center portion thereof and disposed on the lower portion of the bellows; a spring supporting the lower portion of the disk; and a lower cylinder of a substantially cylindrical shape having a plurality of second holes radically formed on the bottom surface thereof, an operating hole vertically formed on the center portion thereof for operating the magnet holder up and down and having a spring holder formed on the inner peripheral surface thereof, into which the lower end portion of the spring is fitted, whereby the magnet holder installed on the closed bottom surface of the bellows operates up and down by a minute pressure difference between the reference normal pressure and use pressure.

5. A gas safety valve as claimed in claim 1, wherein the input of the normal pressure to the normal pressure space is carried out by installing an internal pressure tank to which the reference normal pressure is inputted.